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DIALOG(R)File 351:Derwent WPI
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Quantitative immunoassay of human interferon alpha-1 - using two antibodies, one immobilised and the other enzyme labelled, providing rapid, accurate and simple determn.

Patent Assignee: AKAD WISSENSCHAFTEN DDR (DEAK)

Inventor: BELOW P; BOYDE P; GAESTEL M; NOLL F; SCHNEIDER F

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Patent Family:

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DD 279548	A	19900606	DD 295281	A	19861015	199045 B

Priority Applications (No Type Date): DD 295281 A 19861015

Abstract (Basic): DD 279548 A

Quantitative determn. of human interferon (IFN) alpha-1 by immuno-enzymometric assay uses as first antibody (Ab1) a polyclonal antibody raised in vertebrates against IFN-alpha or a monoclonal antibody reactive with IFN-alpha-1, and a second antibody (Ab2), poly-or mono-clonal, which is labelled with an enzyme. Ab1 is absorbed on the walls of a reaction vessel, either by drying on or by wet loading.

USE/ADVANTAGE - The method is useful in biotechnological IFN prodn.; for medical diagnosis and for biomedical research. IFN is known to have antiviral, antiproliferative and immunomodulating activities. This test is quantitative, rapid, simple and reliable, and eliminates the need for radioactive materials. Only a single reaction vessel is used, and a single person can perform many assays in less than 5 hrs.
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Derwent Class: B04; D16; S03

International Patent Class (Additional): G01N-033/57